

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(US-6031284-\$ or US-6548330-\$ or US-6570469-\$ or US-6686223-\$ or US-6696764-\$).did.	USPAT	OR	OFF	2005/03/10 11:39
S1	959	438/113,114.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 13:20
S2	702	S1 and (trench\$4 or via or hole or cavit\$4 or aperture or depression or ditch or opening or pit or cave or burrow or hollow or vacuity or recess\$4 or indentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:23
S3	177	S2 and (flipchip or (flip near3 (chip or die or microdevice or (integrated near2 circuit))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:23
S4	525	S2 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 14:56
S5	257	S1 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 15:02
S6	1205	438/108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 15:02
S7	1148	S6 not S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 15:29
S8	2	("6696764").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 15:29
S9	6	("5751060" "6018196" "6320267" "6406942" "6528892").PN. OR ("6696764").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 15:30

S10	4	("6183588").PN. OR ("6406942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 15:40
S11	4813	438/106,125-127.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:23
S12	4214	S11 not (S1 or S6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:31
S13	2916	S12 and (trench\$4 or via or hole or cavit\$4 or aperture or depression or ditch or opening or pit or cave or burrow or hollow or vacuity or recess\$4 or indentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:31
S14	786	S13 and (flipchip or (flip near3 (chip or die or microdevice or (integrated near2 circuit))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:31
S15	2319	257/778.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 16:31
S16	1966	S15 not (S1 or S6 or S14)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:21
S17	1653	S16 and (trench\$4 or via or hole or cavit\$4 or aperture or depression or ditch or opening or pit or cave or burrow or hollow or vacuity or recess\$4 or indentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:31
S18	1113	S17 and (singulat\$5 or dicing or separat\$4 or cut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:32
S19	617	S14 and (singulat\$5 or dicing or separat\$4 or cut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 16:32
S20	1	("5838069").PN. OR ("6841885").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 16:45

S21	119	(US-20010036711-\$ or US-20040034996-\$ or US-20020187590-\$ or US-20020022301-\$ or US-20050019981-\$ or US-20050001330-\$ or US-20040256739-\$ or US-20040245651-\$ or US-20040229399-\$ or US-20040227256-\$ or US-20040201089-\$ or US-20040197955-\$ or US-20040164390-\$ or US-20040150118-\$ or US-20040145044-\$ or US-20040080033-\$ or US-20030203542-\$ or US-20030137057-\$ or US-20030111722-\$ or US-20030104652-\$ or US-20030064548-\$ or US-20030001286-\$ or US-20020187587-\$ or US-20020180061-\$ or US-20020168797-\$ or US-20020135057-\$).did. or (US-20020127774-\$ or US-20010020739-\$ or US-20010013392-\$ or US-20050001331-\$ or US-20040169287-\$ or US-20040113281-\$ or US-20030102571-\$ or US-20030080409-\$ or US-20030030140-\$ or US-20020167093-\$ or US-20020121689-\$ or US-20020063331-\$ or US-20010052647-\$ or US-20010050441-\$ or US-20010033017-\$ or US-20030064549-\$ or US-20020137263-\$).did. or (US-6365438-\$ or US-6458626-\$ or US-6607938-\$ or US-6855572-\$ or US-6716665-\$ or US-6586822-\$ or US-6376279-\$ or US-6329224-\$ or US-6117704-\$ or US-5976955-\$ or US-5770884-\$ or US-6146920-\$ or US-6696764-\$ or US-6528892-\$ or US-6406942-\$ or US-6825063-\$ or US-6806119-\$ or US-6756685-\$ or US-6716671-\$ or US-6706553-\$ or US-6582991-\$ or US-6569710-\$ or US-6531338-\$ or US-6531337-\$ or US-6486562-\$ or US-6486001-\$).did. or US-6291267-\$ or US-6239983-\$ or US-6221693-\$ or US-6218214-\$	US-PGPUB; USPAT	OR	OFF	2005/03/05 17:19
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S22	29	("4372037" "4604644" "4874721" "4874722" "4957882" "5071787" "5126818" "5172851" "5186381" "5201451" "5219794" "5249450").PN. OR ("5616520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:21
S23	20	S22 not (S1 or S6 or S14 or S18 or S19)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:21
S24	20	S22 not (S1 or S6 or S14 or S18 or S19 or S21)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:23
S25	18	("5250841" "5334857" "5334858" "5394009" "5409865" "5619070").PN. OR ("5767528").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:23
S26	13	S25 not (S1 or S6 or S14 or S18 or S19 or S21 or S22)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:24
S27	22	("3936866" "4502932" "4561011" "5198385" "5258648" "5297001" "5348617" "5381304" "5386339" "5532513" "5534462").PN. OR ("5786230"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:24
S28	14	S27 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:26
S29	40	("5285352" "5355283" "5371404" "5394009" "5450283" "5461197" "5554887" "5619070").PN. OR ("5969426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:25
S30	21	S29 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:29

S31	97	("3953566" "4348253" "4445978" "4473737" "4482516" "4547836" "4595428" "4602318" "4647476" "4705762" "4720308" "4901136" "4913656" "4943032" "4954313" "4959119" "4985296" "5009607" "5019997" "5071359" "5108785" "5171964" "5224265" "5245751" "5251097" "5293025" "5293626" "5311059" "5331203" "5355397" "5377404" "5378313" "5391516" "5428803" "5442475" "5454161" "5459634" "5466892" "5493096" "5509553" "5541367" "5541731" "5593606" "5774340" "5841075" "5888631").PN. OR ("6018196").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:28
S32	66	S31 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:32
S33	9	("5478781" "5952725").PN. OR ("6117704").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:30
S34	64	("3930857" "4604644" "4814943" "5121190" "5128746" "5136365" "5194930" "5216278" "5218234" "5227008" "5261155" "5355283" "5357673" "5371404" "5398863" "5401913" "5436503" "5442240" "5450283" "5489749" "5536909" "5550408" "5583376" "5583378" "5601678" "5647123" "5650593" "5663530" "5686703" "5717252" "5744863" "5801449").PN. OR ("6140707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:31
S35	49	S34 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:39

S36	13	("4326214" "5307240" "5328559" "5383269" "5616958" "5760478" "5963429" "6084308").PN. OR ("6291267").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:35
S37	56	("3770529" "3852877" "4080513" "4188513" "4417413" "4663215" "4677528" "4770922" "4829666" "4871608" "4897918" "4964019" "5116440" "5139851" "5139852" "5274701" "5346750" "5384689" "5386343" "5396034" "5468999" "5481795" "5484647" "5506448" "5541450" "5550403" "5558928" "5562971" "5578796" "5583376" "5600541" "5616888" "5628919" "5635301" "5646828" "5650918" "5701233" "5719438" "5729894" "5731227" "5763947" "5972482" "6029343").PN. OR ("6324067"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:39
S38	50	S37 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:44
S39	10	("5578525" "5580795" "5909058" "6188127" "6204562" "6287892" "6324067" "6350954").PN. OR ("6548330").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:40
S40	28	("5677569" "5910685" "5939789" "5973403" "6020629" "6097081" "6107679" "6181002").PN. OR ("6335565").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:43
S41	25	S40 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:46
S42	19	("5083191" "5477082" "5616958" "5900675" "5905303" "5918113" "5977633" "6249046").PN. OR ("6380620").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:46

S43	5	S42 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39 or S41)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:55
S44	4	("6183588").PN. OR ("6406942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:47
S45	13	("5371404" "5796170" "5844168" "5866943" "5895967" "5955789" "6011304" "6046077" "6084777" "6198635" "6232652").PN. OR ("6407334").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:48
S46	15	("4737742" "5406235" "5459368" "5929510" "6038133" "6060960" "6181015" "6285559" "6456172").PN. OR ("6570469").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:55
S47	12	S46 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39 or S41 or S44 or S45)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 17:57
S48	68	("4683394" "4734608" "4736128" "4737742" "4795934" "5202652" "5237235" "5281883").PN. OR ("5459368").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:56
S49	60	S48 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39 or S41 or S44 or S45 or S47)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 18:01
S50	12	("20020003459" "5058800" "5459368" "5699027" "5712523" "5821665" "5991989" "6131257" "6246013" "6321444" "6329739" "6369490").PN. OR ("6543109").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 17:57

S51	23	("5019673" "5258648" "5412247" "5474458" "5696033" "5714800" "5719440" "5789803" "5838061" "5847936" "5898224" "5965933" "5972734" "6002171" "6031284" "6048750" "6063828" "6081429" "6238949" "6351391" "6433412").PN. OR ("6573592"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 18:00
S52	18	S51 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39 or S41 or S44 or S45 or S47 or S49 or S50)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 18:07
S53	14	("5043794" "5241133" "5355283" "5838061").PN. OR ("6031284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 18:01
S54	4	("6207475" "6391682" "6391683" "6498054").PN. OR ("6727119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 18:06
S55	14	("4737742" "5406235" "5459368" "5796165" "5861670" "5929510" "5949654" "6038133" "6060960" "6181015" "6285559" "6426551" "6456172" "6570469").PN. OR ("6784765").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 18:07
S56	4	S55 not (S1 or S6 or S14 or S18 or S19 or S21 or S22 or S25 or S27 or S29 or S31 or S35 or S36 or S39 or S41 or S44 or S45 or S47 or S49 or S50 or S53 or S54)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 18:08
S57	1	("5838069").PN. OR ("6841885"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/05 18:09
S58	4	("2001/0020739").URPN.	USPAT	OR	OFF	2005/03/05 18:10
S59	1	("2002/0121689").URPN.	USPAT	OR	OFF	2005/03/05 18:11
S60	0	("2003/0064549").URPN.	USPAT	OR	OFF	2005/03/05 18:13
S61	0	("2003/0104652").URPN.	USPAT	OR	OFF	2005/03/05 18:13
S62	0	("2003/0137057").URPN.	USPAT	OR	OFF	2005/03/05 18:14

S63	26	(US-20020003459-\$ or US-20010052647-\$ or US-20020121689-\$ or US-20030064549-\$ or US-20030104652-\$ or US-20030137057-\$).did. or (US-6140707-\$ or US-6291267-\$ or US-5963429-\$ or US-6324067-\$ or US-6693362-\$ or US-6548330-\$ or US-6696764-\$ or US-6407334-\$ or US-6570469-\$ or US-6285559-\$ or US-5459368-\$ or US-6543109-\$ or US-5949305-\$ or US-6573592-\$ or US-6031284-\$ or US-6838758-\$ or US-6686223-\$ or US-6727119-\$ or US-6784765-\$ or US-6841885-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/03/05 18:17
S64	7	(US-6031284-\$ or US-6548330-\$ or US-6570469-\$ or US-6686223-\$ or US-6696764-\$ or US-6784765-\$ or US-6841885-\$).did.	USPAT	OR	OFF	2005/03/05 18:34
S65	5	(US-6031284-\$ or US-6548330-\$ or US-6570469-\$ or US-6696764-\$ or US-6686223-\$).did.	USPAT	OR	OFF	2005/03/05 18:36
S66	5	(US-6031284-\$ or US-6548330-\$ or US-6570469-\$ or US-6686223-\$ or US-6696764-\$).did.	USPAT	OR	OFF	2005/03/08 18:41